~~~~~ TI-101 ~~~~~

OUR 4/A UNIVERSITY

by Jack Sughrue
Box 459
E.Douglas MA 01516

#3 DOCENTS

To Whom One Turns

You people up back, let's have your attention up here!

Save your questions until the end, as I'll probably answer them along the way, anyway.

First, make sure you have your notebooks open and pens at the ready. There are lots of important names and addresses I'll be giving out. Only once. So, if you miss them the first time, it's as the French say, "Zee tough cookie."

Second, in my hand I have a SOFTWARE EXCITEMENT Catalog. These $2 catalogs are for the IBM compatibles, Amigas, Macs, Commodores, and Apples. They are typical of the user-supported shareware-type catalogs for those machines, most of which contain the same items no matter who publishes them. Let's look at what they have to offer for $4 per PROGRAM! If you buy a dozen programs they go for $3 each. 20 brings the price down to $2.50. When you order more than 50 of these programs the price gets down to $2 each. Plus shipping charges and a $3 handling and packing fee. But there are only 30 educational programs total, pre-school through college, anyway, so you couldn't even order 50 educational programs if you wanted to. But one has to be careful, even if you have a dozen children from ages 3 to 23. AMEMCMP (a memory game), for example, requires 640K (YES! 640!), a VGA or EGA monitor, AND a hard drive. Whew! Sure makes our little, very inexpensive, 32K TIs with single/single drives look puny, doesn't it? Or does it? What does this program do? You match up hidden pairs. It's a fancy variation of Concentration.

There is also a program called WORD GALLERY which helps children associate the printed word with the object it describes. (Doesn't that sound a bit like a few cartridges TI made about a decade ago?) There are also math programs that teach counting, addition, and subtraction through endless patience and some graphics and games. (More cartridge *deja vu* ?) There's also French and Spanish tutorials. And so on.

Anyway, if you have a use for any such fanciness or even ALL of these 30 programs, they will cost you about $70.

Now, we'll begin with THE important educational resources of today's American TI Community.

As I'm not reading from my full notes today, Class, I'm afraid I'll be leaving out a few important resources unintentionally. Consider checking this out and locating the missing sources as part of your assignment for next time.

Meanwhile, let me start with some comparisons to this $2 shareware catalog in my hand. There's a wonderful programmer and writer in Columbus by the name of Jim Peterson. He has a one-man company which has no equal for any other computer in the country. It's called

TIGERCUB SOFTWARE (156 Collingwood Ave., Whitehall, OH 43213) and offers disks at $1.50 each (postpaid for 8 or more). Disks! Not programs. And he has over 550 different disks! Jam-packed full of the best authors in the TI World, arranged by category and auto-loaded from a super menu. We're talking THOUSANDS of Public Domain and Shareware programs. Let's look under education, for example, where, along with the games sections, you can find not 30 but THOUSANDS of programs, various Concentrations just being a smidgeon of these. For example, there are three disks full of programs just for Vocabulary & Reading and 15 DISKS! just for math (to name a couple). Here are the programs from just ONE of these Vocabulary & Reading disks: Adjective to Adverb, Noun to Adjective, Learning to 'ing' It, Plural Endings, Animal Multitudes, Doctor Who, Vocabulary, Vocabulary Quiz, Syllables, Reading Practice, Speed Reading, Tense Time, Synonyms & Antonyms, Read-Fast, and Vocabulary II. 15 educational programs for $1.50! Or, in this case, just 10 CENTS A PROGRAM! (Or, put another way, about 30 programs for $3, instead of $70, as is the case with the "other" computer.) In addition to some neat graphics, some of these programs have real speech! All for a dime. Nothing's been a dime since Nixon took us off the gold standard: not a pack of gum, not a comic book, not a candy bar. But now, thanks to Jim Peterson and TIGERCUB, the dimey has returned to those fortunate enough to own a TI-99/4A. Top quality for wonderful prices. To get his catalog ($1 deductible on first order) is like rolling Chanukah, Kwanzaa, Christmas, Druidic Solstice, and 55 Birthdays all into one computing event.

I tell you, Class, it'll make your mouth water.

But where was I?

Oh, yes, TI resources for educational goodies. Er, tools. Educational tools and materials.

Obviously, if you own a disk drive, TIGERCUB is an enormous resource.

The next best resource is an active user group. Makes no difference if you live in East Douglas or Venedocia (if there really are such places), you can make the connection by joining by mail. I belong to a few user groups. In addition to monthly newsletters, which keep me very informed and up to date on TI matters of importance, I am also afforded the opportunity of participating in the treasure chests called Club Libraries. I'll use the Lima, Ohio, group as an example. (Lima UG, P.O. Box 647, Venedocia, Ohio, 45894). For my $15 dollars a year I receive a MONTHLY newsletter of original articles, reviews, advice, programs, you-name-its. Also I automatically receive important updates of FUNNELWEB, the most used piece of software in the TI disk world. I have access to a zillion world-wide newsletters and other pieces of textware, not to mention the expertise of a truly sharing collection of hard-working, friendly 99ers. I am also entitled to the free library of cassettes and disks put together by this small, dedicated contingent of TI goodfellas (and gals). This means that I can look over the immense LIMA catalog at my home in Massachusetts and send cassettes and postage or disks and postage and get ANYTHING I want for nada, zilch, zero, cribbage 19, nothing. Beat that one, Kiddos!

Oops! As I was saying, we must look into our educational resources. There are many other user groups, too, Class. My local M.U.N.C.H. (560 Lincoln Street, P.O. Box 7193, Worcester, MA 01605) is probably my best personal resource, as I attend our monthly meetings and fairs and so on. We do lots of demos and hands-on type things and help each other whenever possible. Anyway, Class, if you can find a local group you can go to for meetings, that's another great resource, but at least join one by mail if there are no locals.

And attend at least one TI Faire somewhere once a year, even if (as I

do) you have to travel over 800 miles. It's worth it for all the...

If you'd hold the talking down back there, it would be greatly appreciated. We're running out of time, and I did want to...

Okay, Mr. Shakespeare, what is the question? I suppose that's the only way I can get you to stop waving your hand.

Listen up, Class! Listen up! Mr. Shakespeare over by the window wants to know about some of the educational software. He says he has a nephew in junior high who is having trouble reading and two granddaughters who are 8 and 4, respectively, and wants to know what the TI can do for him.

Yes, yes, Ms. Bronte, I'm AM going to tell you about educational software for people our age, too, but we won't be able to get into too much of that for a few sessions.

Right now, though, I'd just like to tell you about a few people who had some visions. It might help.

Terrie Masters, who used to be president of the Los Angeles group, spoke to me a few years ago about doing some educational networking with our TI educators. I've also discussed that same thing more than once with Charlie Good (Lima UG). And Sister Pat Taylor (1050 Carmel Drive #456, Dubuque, Iowa, 52001). And John Willforth (RFD #1, Box 73A, Jeannette, PA 15644). And Janet Ryan and her daughter Jennifer (10 Jolly Road, Ellington, CT 06029). And Mickey Schmitt (196 Broadway Ave., Lower Burrell, PA 15068). And Mike Wright (45 Centerville Drive, Salem, NH 03079). And Jim Horn [EXTENSIVELY] (P.O. Box 244, Lorton, VA 22079). And Rodger Merritt (1949 Evergreen Ave., Fullerton, CA 92635). And fellow elementary teacher Phil Townsend (c.o. Kawartha 99ers, 224 Woodward Ave., Peterborough, Ontario, Canada, K9L 1J7). And Eunice Spooner (Webb Rd., Box 3720, Waterville, ME 04901). And Barry Traver (835 Green Valley Dr., Philadelphia, PA 19128). And OFTEN with Jim Peterson. And, once with educational programmer Don Shorock (P.O.Box 501, Great Bend, KS 67530). And very often with Chris Bobbitt even before he founded ASGARD (P.O. Box 10306, Rockville, MD 20850). And piles of teachers and interested parents and grandparents.

An educational network has been a hot topic for many years in our community. As a matter of fact, Terrie mentioned a teacher by the name of Joy Warner (Box 518, Mt.Baldy, CA 91759, whose daughter is a pilot and was in the recent winter olympics as a "lugist," one of those incredible sledders) who was bent on getting a network going. This past year Joy flew all over America trying to help Terrie's dream come true by meeting with as many TIers as she could meet during her whirlwind tour.

She discovered, as I did, that there is already much of that network in place and ready to connect. Jim Peterson has his TIGERCUB marvel. Charlie has been testing (with his own wonderful tykes) all kinds of marvelous and rare TI educational programs from Milliken, Scholastic, Disney, and so on. Mike and Charlie, along with Gary Taylor from Pittsburgh have been competing for ownership of the ultimate TI Collection (in fable known as the TI Grail). Eunice Spooner not only runs the only all-kids TI user group in America but has the best LOGO video and disk program money ($10) can buy. Bill Gaskill and Ron Albright have been (to our 99 history) the best thing to happen to us. Bill still is. Dick Altman's wonderful Fairware List is now in the capable hands of Ida McCargar of the Southwest 99ers (P.O.Box 17831, Tucson, AZ 85730).

Oh, sorry, Ms. Bronte, I didn't notice the time. Anyway, keep this list. It's important when it comes time for the final. Guaranteed this material will be on it.

Did I mention NOTUNG? Or Tex-Comp? Or COMPRODINE? Or MICROpendium?

Or Regena? I didn't mention Regena? Quick. Write down REGENA, 918

   Ciao!

   (Now let's see. Who did I leave off this list? And where does the
time go?)

<div align="center">

The Annual Lima TI Conference
Sunday May 16,1992

</div>

     It was a beautiful day for our annual gathering at Lima, Ohio.
Sunny and 80's and no rain was ordered for the festivity by Dr.
Charles Good and his group for the occasion and not a soul was
disappointed. At the end of the day I don't believe that they had a
total account of the attendance, but, it was a large one. The eight
participating members from C.O.N.N.I. were as follows: Dick Beery, Bob
DeVilbiss, Irwin Hott, Ken Marshall, John Parkins, Jim Peterson,
Everett Wade and Bud Wright. I wish to thank all of them for their
continued efforts and support. Jim had his own Tigercub Software table
and was kept very busy.
     There was a good representation of TI'ers from all around,
including Unice Spooner from the State of Maine. I understand she gave
a wonderful demonstration on how she teaches her students in class to
use the computer. Her student for the demo was none other than Megan,
the daughter of Dr. Charles Good. I was very sorry to have missed the
session, but I will be able to see the entire conference at a later
date when the video tapes I ordered arrive.
     Cameras in both conference rooms recorded the entire structure
simultaneously from 8:00 am to 6:00 pm. For any persons unable to
attend, this would be an excellent opportunity to see what they missed
and make arrangements to go next year. These tapes, a set of three,
can be ordered from Lima for only $15.00 and will be well worth it.
     The User Group Officer's Meeting was attended by quite a number of
officials expressing their concern about being unable to gain access to
the Clearing House BBS. They explained that their problems were
primarily due to either a lack of knowledge by some in using a modem,
or difficulty in their attempts to gain access to the board after they
were signed on. Irwin Hott gave quite an extensive and ～very
informative talk about their problems and the reasons for them. He
will make adjustments to the board to solve them. Some indicated their
reluctance in calling the board with long distance charges being
incurred in the process, and not knowing how to accomplish their goals.
Others wished that they had a demonstration type of tape that would
instruct them on what to do. Irwin told them it would be too much of a
problem to try to cover it, simply because there are so many different
types of terminal programs that one could use. He did suggest that
they try using their modem with a local person until they get adept
with it before calling the BBS. I fully understand their frustrations
and anxieties from my early days of using a modem. They surely have my
sympathy.
     Available at our display table were a small sampling of disks from
our disk library and some earlier newsletters available for purchase.
A demonstration about the Clearing House written by Ken Mareshall was
running on one console while Bud Wright was running a slide show that
he created on his 9640 Geneve showing digitized pictures of members
taken at our last meeting. He had used a digitized camera containing a
disk that would hold 50 snapshots. It would show the person
photographed, display their name on screen, then speak their name in
the old familiar TI sounds. It sure attracted quite a bit of attention
from those walking by. Bud's talents were proudly presented once
again. Thanks go to Bud for all the effort that went into this fine
piece of work. By the way, he has agreed to hold Editor Assembler
classes again for those wishing to learn the program. He is definitely
a compassionate person, and a highly qualified instructor for the job.
Interested members may contact John Parkins at 614-891-4965 for this.

AND THE WINNING NUMBER IS-------
By:
Wayne Garrison
(MOC-RCC STL.99ers)

How many times have you sat patiently all stressed out with anxiety waiting to hear those famous words followed by a list of numbers which you have placed all your hope and a little bit of your hard earned cash? Well, if you are engaged in the dream conjuring phenomena known as lottery fever, then it is certain you know exactly what I'm talking about. The odds are rarely in favor of your winning the big jackpot, but wouldn't it be great to hit it once? "Just think of all the neat things I could afford to do with my computer. I could get one of those hard drives and that 512k memory card I've been wanting." There are lots of computer software packages available for ridiculous prices which will come up with "the winning number". Some of them go as far as to involve statistical analysis of previously picked numbers which requires extended periods of fact finding to enable the program to come up with what it considers to be "probable picks". In all actuality, there is no proven method of picking the right numbers because of the random method used by the lottery administrators. Although I personally do not participate in the game, I have talked with many who do. Everyone seems to have their own little way of picking their lucky numbers. Birth dates, ages, anniversary dates, these are just a few of the sources people use to get the numbers they are willing to take a chance on. There are even those who choose to let the computer at the store do the choosing for them.

All of this got me to thinking; I have a computer, maybe if I try real hard I can write a program that will pick numbers. I may decide to give my luck a try. All it takes is one win to rise to stardom in the computer programming field. Can you imagine the headlines? "GUY WINS BIG JACKPOT WITH HIS TI 99/4A". Well enough dreaming, even if I don't hit the "big one", it would be an exciting venture in programming this little machine.

First thing I had to do is gather a few facts about the many lottery games available in this area. Currently, there are about seven games here in the two state area. I mainly had to find out about the structure of the numbers picked and the range. Then I had to figure out some sort of formula the computer could use to generate the numbers. What I ended up with was a very functional program; not a lot of graphics and whistles and bells, but an easy to use program which has just as good a chance of picking the right numbers as any other program available. After I completed it I did some testing sort of on the side, since I don't play the lottery, to see what percentage of the time it could produce "the winning numbers". I saved the front page of the newspaper with the lottery numbers for a couple of months and then I sat down one night and ran the program and based the experiment on 10 tries per game per day. I am somewhat pleased to report that the program came close to the number several times, but no cigar. I think if I had continued testing for a much longer time I may have gotten lucky. Who knows? There is always a chance of winning. If nothing else, it was good experience in programming.

Granted, most people would rather stick with their current numbers, but for others, this program could offer a little hope. Due to the limited space available in this publication, I was forced to offer you this abbreviated version of my original program. This explains why the line numbers jump around so much. I do not claim this program will make you rich. I can't guarantee it will even come close. It's based purely on randomly picked numbers and the type of luck which may be following you around. As stated in the introduction to the program, I do not wish to encourage anyone to gamble as I understand it is against some people's morals or even religious convictions, but it could be used for fun or even as another example of what is possible in the way of programming our computers.

If you are interested, and I hope you are, you will take a few minutes to sit down at your 99 and type this listing into your computer and try to get the feel of it and the formula for the numbers. I promise it contains no bugs and it will run the first time you crank it up. Don't forget to save it to disk routinely after typing a few lines in to ensure it won't accidentally get lost if you have a "lock-up" or power failure.

Type it in and give it a try. "And the winning number is-------" Good Luck!

ST. LOUIS COMPUTER BRIDGE

```
**********************
*  PROGRAM LISTING  *
*      LOTTO        *
*       by          *
*  WAYNE GARRISON   *
**********************

1    !SAVE DSK1.LOTTO
!165
10 REM LOTTO PICKER
!042
20 REM SYSTEM:  99/4a
INTE
RPRETER: XBASIC !116
50 REM of the MDC-RCC
& ST.L
OUIS 99ERS !044
100 REM ABBREVIATED
VERSION
!025
120 CALL CLEAR   ::
DISPLAY AT
(10,10):"LOTTO
PICKER" :: DI
SPLAY AT(12,15):"BY:"
:: DIS
PLAY AT(14,9):"WAYNE
GARRISO
N" !048
130  D I S P L A Y
AT(22,5):"PRESS
ANY KEY TO BEGIN"
!086
140 CALL KEY(0,K,S)::
IF S=1
THEN 150 ELSE  140
!177
150 CALL  CLEAR  ::
DISPLAY AT
(4,8):"INTRODUCTION"
:: DISP
LAY   AT(8,2):"LOTTO
PICKER IS
 AN EASY TO" !227
160  D I S P L A Y
AT(9,2):"USE PRO
GRAM WHICH CENTERS"
:: DISPL
AY   AT(10,2):"AROUND
LOTTERY
GAMES WHICH" !092
170  D I S P L A Y
AT(11,2):"ARE CU
RRENTLY AVAILABLE IN"
:: DIS
PLAY    AT(12,2):"THE
ST.LOUIS
AREA. SIMPLY" !063
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180  D I S P L A Y
AT(13,2):"SELECT
 YOUR GAME AND THE"
:: DISPL
AY  AT(14,2):"NUMBER
OF TRIES
." !009
190  D I S P L A Y
AT(15,2):"THIS P
ROGRAM WAS WRITTEN"
:: DISPL
AY  AT(16,2):"PURELY
FOR ENTE
RTAINMENT." !019
200  D I S P L A Y
AT(17,2):"PURPOS
ES WITH AN INTENT TO"
:: DIS
P  L  A  Y
AT(18,2):"PROMOTE
PROGR
AMMING AND USE" !056
210  D I S P L A Y
AT(19,2):"OF THE
 TI   99/4a.    THE
AUTHOR" :: DI
SPLAY  AT(20,2):"DOES
NOT WIS
H TO ENCOURAGE" !071
220  D I S P L A Y
AT(21,2):"USERS
TO GAMBLE."   !177
230  D I S P L A Y
AT(24,2):"-PRESS
 ANY KEY TO CONTINUE-
" :: CA
LL  KEY(0,K,S)::  IF
S=0 THEN
230 !096
240 CALL  CLEAR   ::
DISPLAY AT
(2,3):"THE    AUTHOR
ASSUMES NO
SPLAY AT(12,15):"BY:"
:: DIS
"     ::     DISPLAY
AT(3,1):"RESPON
SIBILITY  FOR LOSSES"
!094
250  D I S P L A Y
AT(4,1):"INCURRE
D  WHILE  USING THIS"
:: DISPL
AY  AT(5,1):"PROGRAM,
AS THE
NUMBERS ARE" !033
260  D I S P L A Y
AT(6,1):"RANDOML
Y       GENERATED.
hOWEVER," :: DI
```

```
SPLAY AT(7,1):"IF ANY
SUBSTA
NTIAL WINNINGS" !246
270  D I S P L A Y
AT(8,1):"SHOULD
ARISE AS  THE RESULT"
:: DISP
LAY AT(9,1):"OF  THE
USE OF T
HIS PROGRAM," !053
280  D I S P L A Y
AT(10,1):"PLEASE
 HAVE    THE    GOOD
ETHICS" :: DI
SPLAY   AT(11,1):"AND
MORALS T
O REMEMBER AND" !108
290  D I S P L A Y
AT(12,1):"CONSID
ER  THE  AUTHOR WHEN
YOU" :: D
I   S   P   L   A   Y
AT(13,1):"COLLECT.---
-----THANK YOU." !076
300  D I S P L A Y
AT(24,2):"-PRESS
 ANY KEY TO CONTINUE-
" :: CA
LL  KEY(0,K,S)::  IF
S=0 THEN
300 !167
310 CALL  CLEAR  ::
DISPLAY AT
(4,4):"GAMES
AVAILABLE WITH"
  ::   D I S P L A Y
AT(6,7):"LOTTO P
ICKER" !036
320  D I S P L A Y
AT(10,4):"1--MIS
SOURI  PICK 3"   ::
DISPLAY AT(
12,4):"2--MISSOURI
LOTTO" !1
72
350  D I S P L A Y
AT(24,5):"-SELEC
T YOUR GAME" !003
500 CALL KEY(0,K,S)::
IF S=0
 THEN 500 !057
510 IF  K<49 THEN 500
:: IF K
>50 THEN 500 !225
520 IF K=49 THEN 1000
:: IF
K=50 THEN 2000 !182
1000 GOSUB 5000 !235
1010 CALL  CLEAR  ::
DISPLAY A
```

```
T(3,10):"YOUR LUCKY"
:: DISP
LAY AT(5,5):"PICK 3
NUMBERS
ARE: :: R=7 !226
1030 FOR X=1 TO G ::
C=11 ::
 REM GAME LOOP !243
1050 FOR Y=1 TO 3 ::
REM 3 N
UMBER GENERATION LOOP
!008
1060 RANDOMIZE ::
Z=INT((9-0
+0)*RND)+0 !163

DISPLAY AT(R,C):Z ::
C=
C+3 !217
1080 NEXT Y !239
1090 R=R+1 :: NEXT X
!141
1100 DISPLAY
AT(18,4):"JOT T
HESE NUMBERS DOWN" ::
DISPLA
Y AT(22,3):"THEN
PRESS -R- T
O RETURN" !235
1110 DISPLAY
AT(24,4):"OR -E
- TO EXIT PROGRAM"
!038
1 1 2 0 C A L L
KEY(0,K,S):: IF S=
0 THEN 1120 !168
1130 IF K=82 THEN 310
:: IF
K=69 THEN 5030 ::
GOTO 1120
!032
2000 GOSUB 5000
2010 CALL CLEAR ::
DISPLAY A
T(3,10):"YOUR LUCKY"
:: DISP
LAY AT(5,2):"MISSOURI
LOTTO
NUMBERS ARE:" :: R=11
!198
2030 FOR X=1 TO 6 ::
REM GAM
E LOOP !068
2050 RANDOMIZE ::
A=INT((48-
0+1)*RND)+0 !191
2060 RANDOMIZE ::
B=INT((48-
0+1)*RND)+0 :: IF B=A
THEN 2
```

```
060 !148
2070 RANDOMIZE ::
C=INT((48-
0+1)*RND)+0 :: IF C=A
THEN 2
070 :: IF C=B THEN
2070 !128
2080 RANDOMIZE ::
D=INT((48-
0+1)*RND)+0 :: IF D=A
THEN 2
080 :: IF D=B THEN
2080 :: I
F D=C THEN 2080 !131
2090 RANDOMIZE ::
E=INT((48-
0+1)*RND)+0 :: IF E=A
THEN 2
090 :: IF E=B THEN
2090 :: I
F E=C THEN 2090 :: IF
E=D TH
EN 2090 !157
2100 RANDOMIZE ::
F=INT((48-
0+1)*RND)+0 :: IF F=A
THEN 2
100 :: IF F=B THEN
2100 :: I
F F=C THEN 2100 :: IF
F=D TH
EN 2100 :: IF F=E
THEN 2100
!206
2120 DISPLAY
AT(R,3):A :: DI
SPLAY AT(R,7):B ::
DISPLAY A
T(R,11):C :: DISPLAY
AT(R,15
):D :: DISPLAY
AT(R,19):E ::
 DISPLAY AT(R,23):F
!048
2130 R=R+1 :: NEXT X
!141
2140 GOTO 1100 !159
5000 CALL CLEAR ::
DISPLAY A
T(10,3):"HOW MANY
GAMES? 1-1
10" :: ACCEPT
AT(10,24)VALIDA
TE("1234567890"):G
!128
5010 IF G<1 THEN 5000
:: IF
G>10 THEN 5000 !228
5020 RETURN !136
```

```
5030 CALL CLEAR ::
DISPLAY A
T(7,11):"GOOD LUCK!"
!080
5040 FOR X=1 TO 800
:: NEXT
X !032
5050 CALL CLEAR ::
END !222
```

****
* Today's Grin *
****

Seen on bumper
sticker:

"CLEAN HOUSE!-
AND SENATE TOO!

****
* POSTAL NOTE: *
****

PLEASE SEND ALL
CORRESPONDENCE
DIRECTLY TO HAROLD
HOYT, 1380 TRAMPE AVE
SPANISH LAKE, MO
63138

Our friends in the
Postal Service have
moved their offices
and changed our box
number. This has
caused great
inconvenience to our
correspondents and
newsletter exchanges.

There is a better
than even chance that
my address will be
good for awhile.
I've been here since
about 1966. A PO Box
will be available for
those reckless people
who want to take a
chance.

SOME NEW UPDATES
DOWNLOAD BY JIM TOMPKINS

BUD MILLS SERVICES

From: Woody   To: ALL

Bud Mills called me today about an order I made and during the chat he surprised me by saying he was planning on marketing a complete Motherboard for the 99/4A to include 80 Column and other capabilities by using newer chips. He is also coming out with a super mouse. He says he may have to *stick with the TI operating system if* he can't cut a deal with TI to use a new one. If not, all you'd have to do is pull the 4 ROM chips and plug them in the new Motherboard. He also said they (Bud and Don O'Neil) are weighing the pros and cons of incorporating the accelerator in the new board. Said he might pull his ad off OPA's TIM. He surprised me with some other plans but I'll get to them later.

$$ \text{\textbf{\textit{:::}}} $$

BUD MILLS SERVICES

From: Don O'Neil   To: Woody (NR)

Woody, and All,

Since Bud leaked the info, I'll clarify the tentative plans. The plans are for a 9995 based console Motherboard replacement, with a 9938 w/192k, composite video output, up to 1 MB on board RAM (as much as you can fit in your P-Box, 25 MB is tops with 1 P-Box), regular keyboard interface, built in mouse port, new single cassette port using 1/8 inch jacks, and two internal expansion slots, one of which can hold a cage for plugging your P-Box "Hose" in the rear of the console sliding it inside up to the leg of the box. The Motherboard will use the standard TI Grom's and sound chip which you would pull from your console you are upgrading (we cannot duplicate TI's copyrighted code, but since you will already own a copy, you can put it in the new Motherboard) and it will have the standard cartridge port. The internal RAM will be 4A Memex style which offers RAMBO compatibility as well as all the new features on a 4A Memex. There are no current plans on what to put in the second internal slot, but some ideas are a combo disk controller/RS232 card, video co-processor card for the v9990 or other VDP, IO card (digital in/out, A to D conversion, etc...) But I have no

plans currently for that slot. A Disk/RS232 would be nice and would make the unit stand alone with no need for the P-Box. PLEASE REMEMBER, these are tentative plans, and not a formal announcement. ABSOLUTELY no work has been done on this product yet. However, progress is steadily moving forward on the 4A Memex, and unfortunately because of a dis-continuation of a TI chip on that card, more work is needed to be done to replace that portion of the card. I still see a March/April ship date though. The Accelerator is STILL ON HOLD, I am trying to finish the 4A *Memex first, mainly because there are* software developers out there waiting to get their hands on one, so it is important at this time. Digi-port should be shipping in a few weeks. The software is nearly complete and a board design is being done. Once those are complete, shipping will commence. New for the Digi-port is a MDOS player by Beery Miller, this will be included in the standard package. If you have any questions, feel free to ask. DON.

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END

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TI WORLD NEWS MAY 1992

Compiled by Jim Peterson

Barry Traver informs me that Vulcan's Computer Monthly is discontinuing its Classic Computer section, and his column will no longer appear. MICROpendium is now the only national publication supporting the TI - and if we do not support MICROpendium, we will have nothing!

FEST WEST "NORTH" 93 will be sponsored by the Ogden TI User Group and the Salt Lake and Valley Group, and is scheduled for February 13 1993 9 AM to 5 PM and February 14 9 AM to 3 PM, at the Howard Johnson Motel, 122 West Smith Temple, Salt Lake City Utah 84181.

The Hoosier UG newsletter contains an ad for a new TI vendor, Del & Darla Wright, 185 N. Post Rd, Indianapolis IN

46219, (317) 895-1765 are offering various hardware at attractive prices, with free shipping in the U.S.

GEN-TRI Version 1.02 for the Geneve is now available. It contains a spellchecker with a dictionary of thirty thousand words which can be expanded to three times that size. The program is available for $49.95 from Jerry Coffey, 9119 Tetterton Ave., Vienna VA 22182. To upgrade from version 1.0, send your original disk and $1 for postage.

Beery Miller is soliciting support to buy the rights to the Geneve's uncompleted MDOS source code from Lou Phillips and Paul Charlton, in order to have it completed by a other programmer. If you want to help, write to Beery Miller/9640 News, P.O. Box 752465, Memphis TN 38175-2465.

Bill Nelson, 11682 Puryear Lane, Garden Gove CA 82640, (714) 750-6425 is

offering the Panda Expansion Box with rom for 2 half-height floppy drives, 2 half-height 3.5" drives and a hidden 3.5" hard disk drive, for $238 with your old P-box or $278 without it.

H.T. Orr Computer Supplies, 249 Juanita Way, Placentia CA 92670 (714) 528-9822 has a wide variety of printer ribbons available, including generic ribbons for the Star NX1020 ($8 each) which have been unobtainable. Their shipping and handling charge of $2 per order is extremely reasonable.

Bud Wright's TIABS bulletin board has a new number, (614) 851-0708. This is one of the fastest BBS's you will ever call, operating mostly in assembly, from hard drives, at 2400 baud 8-N-1, and has 80 meg of files for the TI-99/4A and Geneve, plus many other features. Give it a call!

END

NEXT MEETING TUESDAY, AUGUST 11, 1992!!!

MUNCH OFFICERS AND NUMBERS (all in 508 area unless noted)

resident	W.C. Wyman	865/9683	
ice President	Bruce Willard	852/3250	MUNCH DUES
ecretary	Jim Cox		
reasurer	Jim Cox	869-2704	NEW MEMBERSHIP $25.00
cting Editor	Jim Cox		RENEWAL MEMBERSHIP $15.00
dv.Prog. Chair	Dan Rogers	248-5502	NEWSLETTER ONLY
ibrary	OPEN		SUBSCRIPTION $13.00
isk Librarian	Lou Holmes	617 965/3584	
ape Librarian	Walter Nowak	413 436/7675	
EW-AGE/99	Jack Sughrue	476/7630	

ULY MEETING. There were 10 members present. We tried to show some of the first ima Fair Video but had some problems with the T.V.. Corson and Jack were able o help some members with problems. Chris won the raffle.

UGUST MEETING. This month Jack will demp the disk of the month, Astroblitz. If ou want to see or get any of the Lima Fair Videos, get in touch with Jim Cox. hree are three videos, a detailed list will be in next month's newsletter.

AFFLE. Every month we have a raffle to help defer the rental cost of our eeting hall. A typical raffle will have game and utility programs T-Shirts, ooks, bumper stickers, blank discs and all sorts of odds and ends for the T.I.

IBRARY NOTICE. Please return any items borrowed from our library. If you can ot come to a meeting or give these items to someone who will be at the eeting.

EPRINTS. Reprints are permitted as long as credit is given to M.U.N.C.H.

RTICLES. I am always looking for articles for this newsletter, anything which nterests you will probably interest other members of the TI community, so lease share your ideas and opinions with all of us.

ISK LIBRARY. The disk library will be at the meetings from now on. We have opies of all disks in the library and they are available to members for just 1.50 each for single discs, $2.00 flippies, $3.00 double discs and $4.00 ouble flippie.

OR SALE. The group has a TI Count Business Software package available for ale. If interested contact Jim Cox at the above numer or the club address. ruce Willard has 3 computers, a P-Box with 3 drives and lots of modules for ale, call him for prices. Cecil Pittman Rt.2, ox 223; Picayune, Ms. 39466; 01-708-7286 has a complete T.I. system for sale. See Jim for a complete isting of what is available.
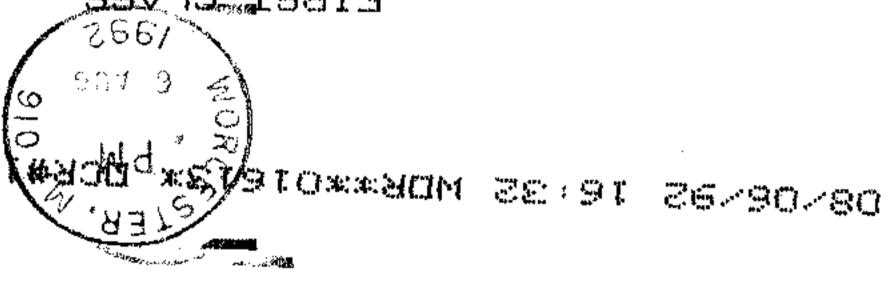
ISK OF THE MONTH. This month's disk is #109, is Astroblitz.

HE MUNCH VIDEO is ready, members can purchase it for $5.00, plus $3.00 ostage for mail orders.

ELCOME NEW MEMBER. Ralph E. Metz of Niagra Falls, New York.